| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|--------|--|------------------------------|---------------------|---------|------------------|
| S1 | 72049 | sensor with (matrix or arrangement) | US-PGPUB; USPAT | ADJ | ON | 2008/01/25 15:47 |
| S2 | 59827 | (row near3 line) | US-PGPUB; USPAT | ADJ | ON . | 2008/01/25 15:48 |
| S3 | 92593 | (column near3 line) | US-PGPUB; USPAT | ADJ | ON | 2008/01/25 15:48 |
| S4 | 75788 | (detect with current) | US-PGPUB; USPAT | ADJ | ON | 2008/01/25 15:49 |
| S5 | 341110 | (de\$1cod\$3) | US-PGPUB; USPAT | ADJ | ON | 2008/01/25 15:49 |
| S6 | 38 | S1 and S2 and S3 and S4 and S5 | US-PGPUB; USPAT | ADJ | ON | 2008/01/25 15:49 |
| S7 | 1 | S6 and fourier | US-PGPUB; USPAT | ADJ | ON | 2008/01/25 17:00 |
| S8 | 16 | (decod\$3) with sensor with fourier | US-PGPUB; USPAT | ADJ | ON | 2008/01/25 17:01 |
| S9 | 2 | ("5777760" "7116626").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/01/25 17:03 |
| S10 | 23 | ("4383734" "4449193" "4588260" "4669054" "4695973" "4765714" "4954789" "5040140").PN. OR ("5276636"). URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/01/25 17:04 |
| S11 | 19 | S10 and fourier | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/01/25 17:04 |
| S12 | 3 | S10 and (fourier with sensor) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/01/25 17:04 |
| S13 | 15 | (US-20030179304-\$ or US-20030103154-\$ or US-20020196659-\$ or US-20020039743-\$).did. or (US-6889903-\$ or US-6681994-\$ or US-6646912-\$ or US-6392636-\$ or US-5837987-\$ or US-5461419-\$ or US-RE29449-\$ or US-3961160-\$ or US-5276636-\$ or US-5943170-\$ or US-5040140-\$).did. | US-PGPUB; USPAT | ADJ | ON | 2008/01/28 08:48 |

| S14 | 15 | (US-20030179304-\$ or US-20030103154-\$ or US-20020196659-\$ or US-20020039743-\$).did. or (US-6889903-\$ or US-6681994-\$ or US-6646912-\$ or US-6392636-\$ or US-5837987-\$ or US-5461419-\$ or US-RE29449-\$ or US-3961160-\$ or US-5276636-\$ or US-5943170-\$ or US-5040140-\$).did. | US-PGPUB; USPAT | ADJ | ON | 2008/01/28 08:49 |
|-----|----------|--|------------------------------|-----|----|------------------|
| S15 | 0 | S14 and (decod\$3 with current) | US-PGPUB; USPAT | ADJ | ON | 2008/01/28 09:40 |
| S16 | 8 | S14 and (decod\$3 with sensor) | US-PGPUB; USPAT | ADJ | ON | 2008/01/28 09:40 |
| S17 | 5 | S14 and (detect\$2 with current with line) | US-PGPUB; USPAT | ADJ | ON | 2008/01/28 09:56 |
| S18 | 90 | (detector with row with column with electrical) | US-PGPUB; USPAT | ADJ | ON | 2008/01/28 10:02 |
| S19 | . 25 | (detector with row with column with electrical with sensor) | US-PGPUB; USPAT | ADJ | ON | 2008/01/28 10:02 |
| S20 | 6 | ("3777061" "4301471" "4486783" "4551758" "4581652" "4623623").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/01/28 10:49 |
| S21 | 596 | (row with column with (detector or sensor) with coupl\$3)\ | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/01/28 11:39 |
| S22 | 596 | (row with column with (detector or sensor) with coupl\$3) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/01/28 11:39 |
| S23 | 289 | S22 and matrix | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/01/28 11:39 |
| S24 | 2 | S22 and ("204" or "205").clas. | US-PGPUB; USPAT | ADJ | ON | 2008/01/28 11:40 |
| S25 | 1038 | 204/400.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/01/28 11:57 |
| S26 | 0 | "204"/(400-450).ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/01/28 11:57 |
| S27 | 277 | S22 and matrix | US-PGPUB; USPAT | ADJ | ON | 2008/01/28 11:58 |
| S28 | 7 | (US-20030058998-\$ or US-20020017565-\$).did. or (US-7122802-\$ or US-7038820-\$ or US-6407770-\$ or US-6359967-\$ or US-3624609-\$).did. | US-PGPUB; USPAT | ADJ | ON | 2008/01/28 14:57 |

| S29 | 596 | (row with column with (detector or sensor) with coupl\$3) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/01/28 14:57 |
|-----|------|---|------------------------------|-----|----|------------------|
| S30 | 7 | S28 and S29 | US-PGPUB; USPAT | ADJ | ON | 2008/01/28 14:57 |
| S31 | 157 | (source or drain) with (detect\$3 near3 transistor) with (gate near3 terminal) | US-PGPUB; USPAT | ADJ | ON | 2008/01/28 16:55 |
| S32 | 31 | S31 and (sensor) | US-PGPUB; USPAT | ADJ | ON | 2008/01/28 16:56 |
| S33 | 7 | (US-20030058998-\$ or US-20020017565-\$).did. or (US-7122802-\$ or US-7038820-\$ or US-6407770-\$ or US-6359967-\$ or US-3624609-\$).did. | US-PGPUB; USPAT | ADJ | ON | 2008/01/28 17:03 |
| S34 | 2 | S33 and calibrat\$3 | US-PGPUB; USPAT | ADJ | ON | 2008/01/28 17:03 |
| S35 | 2 | S33 and deactiv\$4 | US-PGPUB; USPAT | ADJ | ON | 2008/01/28 17:07 |
| S36 | 1 | "6667632".pn. | US-PGPUB; USPAT | ADJ | ON | 2008/01/28 17:19 |
| S37 | 1 | "20030058998".pn. | US-PGPUB; USPAT | ADJ | ON | 2008/01/28 17:20 |
| S38 | 3 | S33 and amplifier | US-PGPUB; USPAT | ADJ | ON | 2008/01/28 17:28 |
| S39 | 78 | (amplifier with (bipolar transistor) with (collector terminal) with (emitter terminal) with (base terminal)) | US-PGPUB; USPAT | ADJ | ON | 2008/01/28 17:30 |
| S40 | 12 | S39 and sensor | US-PGPUB; USPAT | ADJ | ON | 2008/01/28 17:30 |
| S41 | 3 | S33 and (isfet or mosfet) | US-PGPUB; USPAT | ADJ | ON | 2008/01/28 17:34 |
| S42 | 392 | (sensor with (isfet or mosfet)) and (matrix) | US-PGPUB; USPAT | ADJ | ON | 2008/01/28 17:35 |
| S43 | 53 | S42 and ("204".clas.) | US-PGPUB; USPAT | ADJ | ON | 2008/01/28 17:35 |
| S44 | 3734 | sensor with (electro\$1magnetic radiation) | US-PGPUB; USPAT | ADJ | ON | 2008/01/28 17:42 |
| S45 | 866 | (sensor with (electro\$1magnetic radiation)) and matrix | US-PGPUB; USPAT | ADJ | ON | 2008/01/28 17:44 |
| S46 | 14 | S45 and ("204".clas.) | US-PGPUB; USPAT | ADJ | ON | 2008/01/28 17:44 |

| S47 | 0 | wo-199964638-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/01/28 17:55 |
|-----|---|----------------------|--|-----|----|------------------|
| S48 | 2 | wo-9964638-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/01/28 17:55 |
| S49 | 2 | "20010032788".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/01/28 17:56 |
| S50 | 1 | "6667632".pn. | US-PGPUB; USPAT | ADJ | ON | 2008/01/29 11:05 |
| S51 | 1 | "6593588".pn. | US-PGPUB; USPAT | ADJ | ON | 2008/01/29 13:43 |